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Verschuven, Major

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ACAT DEARC IA Briefing

25 NOV 1990

1. The purpose of this SFR is to provide additional information on the content of the subject briefing, and to indicate items of particular interest to ADC.

2. The briefing sections and major points are summarized below:

— BACKGROUND

— History of miniature program, overview of system elements

— AFSARC DIRECTION

— Limited IOC in 1985, prototype development substantial contractor support.

— Dr. Perry concurred with AFSARC direction

— CHANGES SINCE AFSARC

— New MTS available; resulted in close look at force structure (adequacy of force structure has been an ADC concern, present approach satisfies this concern).

— ACAT contract cost increases; currently being worked by reprogramming SFR and other strategic defense offsets (ADC reluctantly supported SFR re-programming).

— CURRENT PROGRAM STATUS

Only high technology risk in program involves LMTS sensor performance.

— Surveillance improvements underway — FAREAR, GEODES, etc. (only ADC concern is that orbit determination work is not being closely coordinated with JCS).

-- Life cycle cost estimated at \$2.6B (up \$600M since new SFO director evaluated program).

-- ISSUES

-- Test program adequacy (ADC concerns include need for test against resistant space objects, need for post-IOC tests, and 2/year training flights).

-- Operational suitability (ADC concerns for blue-suit maintenance, reliability programs and countermeasure capability through in-flight updates by voice).

-- Force structure/basing (ADC supports 36 A/C and 80 missiles; on forward basing ADC has no immediate plan to do this, JPO believes equipment should still remain air transportable for future options).

-- SPECIAL SUBJECTS

-- Streamlined acquisition being proposed.

-- Early first flight test option can accelerate 6 months for \$90M.

-- ASAC capability evaluated; little capability available.

RECOMMENDATION:

3. ADC indicate appreciation for Colonel Rendon's frank and unbiased presentation of the issues, and ADC support of:

- a. Test program improvements.
- b. Increased operational suitability.
- c. 36 aircraft and 80 missile force size; air transportability option.
- d. An item not discussed; F-15 long range communications.

ORIGINAL SIGNED

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